sustainable sanitation alliance

Towards sustainable sanitation: evaluating the sustainability of resource-oriented sanitation

Flores, A. (2010)

Content - Summary

Resource-oriented sanitation systems are designed to recover resources from wastewater while minimising the demand on other resources, particularly water and energy. This research explores the proposition that such systems offer a more sustainable alternative to conventional waterbourne systems. Its centrepiece is a case study of the world's largest urban dry sanitation system designed for complete resource recovery, located at the Erdos Eco-Town Project (EETP) in the Inner Mongolia Autonomous Region of China. In the case study, the sustainability of the EETP's dry system is compared against that of a conventional waterbourne system based on technical, environmental, economic, and societal indicators.

Bibliographic information

Flores, A. (2010). Towards sustainable sanitation: evaluating the sustainability of resource-oriented sanitation. PhD Thesis, University of Cambridge, UK

Towards Sustainable Sanitation:
Evaluating the Sustainability of Resource-Oriented Sanitation

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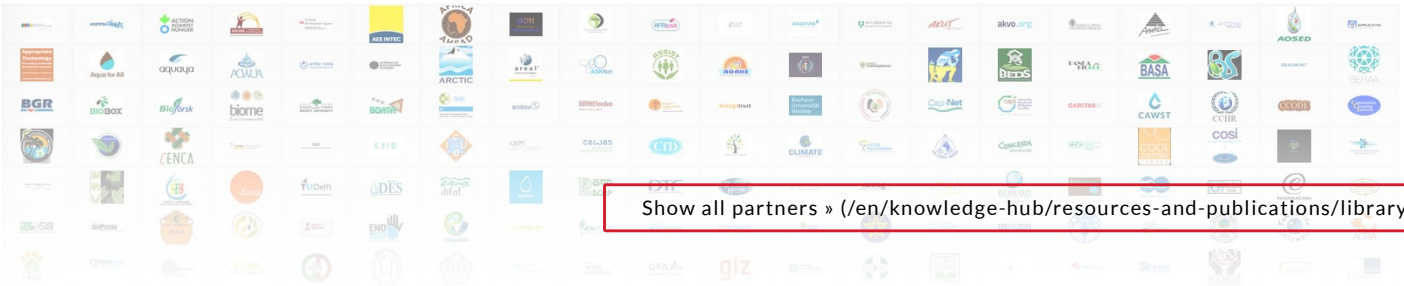

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Data policy (/en/data-policy)

Contact (/en/contact)

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